



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|---|-------------|----------------------|---------------------|------------------|
| 10/608,982 | 06/27/2003 | Robert Keane | MPJ-D3 | 6397 |
| 37420 | 7590 | 08/17/2006 | EXAMINER | |
| VISTA PRINT USA INC. ATTN: PATENT COUNSEL 100 HAYDEN AVENUE LEXINGTON, MA 02421. | | | GARCIA, GABRIEL I | |
| | | ART UNIT | PAPER NUMBER | |
| | | 2625 | | |

DATE MAILED: 08/17/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

| | | |
|------------------------------|-------------------|--------------|
| Office Action Summary | Application No. | Applicant(s) |
| | 10/608,982 | KEANE ET AL. |
| | Examiner | Art Unit |
| | Gabriel I. Garcia | 2625 |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) Responsive to communication(s) filed on _____.
 2a) This action is **FINAL**. 2b) This action is non-final.
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) Claim(s) 1-9 is/are pending in the application.
 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
 5) Claim(s) ____ is/are allowed.
 6) Claim(s) 1-9 is/are rejected.
 7) Claim(s) ____ is/are objected to.
 8) Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner.
 10) The drawing(s) filed on 27 June 2006 is/are: a) accepted or b) objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. 09/557,571.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) Notice of References Cited (PTO-892)
 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
 Paper No(s)/Mail Date 9/8/03.

4) Interview Summary (PTO-413)
 Paper No(s)/Mail Date. _____.
 5) Notice of Informal Patent Application (PTO-152)
 6) Other: _____.

Part III DETAILED ACTION

1. The abstract of the disclosure is objected to because it is not drawn to the claimed invention. Correction is required. See MPEP § 608.01(b).

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-9 are rejected under 35 U.S.C. 102(e) as being anticipated by Miyake (6,188,490).

With regard to claim 1, Miyake teaches a computer-implemented method for filling an aggregate print job layout having a plurality of printing positions, the layout intended to be printed in a print run quantity (e.g. figs 2-6), the method comprising a) storing individual print jobs, (reads on fig. 4, jobs stored as items 1,2,4, 9 or 16), b) for each individual print job, storing an associated print quantity (see figs. 2 and 4), c) retrieving an individual print job having an associated print quantity that is substantially equal to or a multiple of the print run quantity from the stored individual

print jobs for incorporation into the aggregate print job layout (see figs. 2a-2e),

d) if the print quantity associated with the retrieve individual print job is substantially equal to the print run quantity, assigning the selected individual print job to one position in the aggregate print job layout (reads on jobs that have 1,2,4,9 or 16 pages within the print job layout as suggested by figs. 2a-2e and fig. 4)

e) if the print quantity associated with the retrieved individual print job is substantially equal to a multiple of the print run quantity (as suggested by fig. 4), assigning the selected individual print job to that multiple number of positions in the aggregate print job layout (reads on the number of jobs that can be fixed within a print run as suggested by fig. 4, one print job can fit in a page where two jobs can be printed).

With regard to claim 2, Miyake further teaches repeating steps c-e until the layout filling process is completed (reads on figs. 2a-2e, which depicts how the pages can be filled by having different number of pages within the printing of the page repeating the steps above).

With regard to claim 3, Miyake further teaches wherein the layout filling process is completed when all printing positions in the layout have been filled (see figs. 2a-2e, pages are filled with different layout).

With regard to claim 4, Miyake further teaches wherein the layout filling process is completed when no individual print job having an associated print quantity that is

substantially equal to or a multiple of the print run quantity is available at step c (reads on figs. 2a-2e, and col. 2, lines 4-11).

With regard to claim 5, Miyake further teaches wherein the individual print jobs are received electronically (reads on fig. 1, which depicts how a user can file a print job electronically using a host computer).

With regard to claim 6, Miyake further teaches wherein the individual print jobs are received over a computer network (see col. 1, lines 15-17, clearly this method can be implemented over network printing system).

With regard to claim 7, the limitations of claims 7 are covered by the limitations of claim 1 above; and Miyake further teaches wherein the print job quantities being different and assigning position to individual print jobs (see figs. 2a-2e).

With regard to claims 8 and 9, the limitations of claims 8 and 9 are covered by the limitations of claims 1 and 7 above.

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Mitchell et al (6,738,509, 6,222,884 and 6,094,454) represent earlier publication of multi-spectral image compression. This application is a divisional of 6,738,509).

Zandi et al. (5,731,988) teaches a method and apparatus for reversible color conversion.

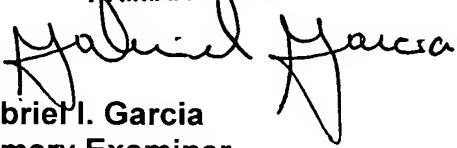
4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Gabriel I. Garcia whose telephone number is (571) 272-

7434. The Examiner can normally be reached Monday-Thursday from 7:30 AM-6:00 PM. The fax phone number for this group is 571-273-8300.

CENTRALIZED DELIVERY POLICY: For patent related correspondence, hand carry deliveries must be made to the Customer Service Window (now located at the Randolph Building, 401 Dulany Street, Alexandria, VA 22314), and facsimile transmissions must be sent to the Central FAX number, unless an exception applies. For example, if the examiner has rejected claims in a regular U.S. patent application, and the reply to the examiner's Office action is desired to be transmitted by facsimile rather than mailed, the reply must be sent to the Central FAX Number.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (571) 272-2600.

GABRIEL GARCIA
PRIMARY EXAMINER


Gabriel I. Garcia
Primary Examiner
August 14, 2006